

BEFORE THE  
UNITED STATES DEPARTMENT OF DEFENSE  
ARMED FORCES EPIDEMIOLOGICAL BOARD

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In The Matter Of:

ARMED FORCES  
EPIDEMIOLOGICAL BOARD

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U.S. Army Medical Research  
Institute of Infectious  
Diseases Auditorium  
The Dalrymple Conference Room  
Ft. Detrick, Maryland  
Friday  
July 8, 1994

The above entitled matter came on for hearing pursuant to  
notice, at 4:16 p.m.

BEFORE:

Dr. Lewis H. Kuller, M.D., President, and  
Colonel Michael R. Peterson, U.S.A.F., B.S.C.,  
Executive Secretary

APPEARANCES:

Dr. Kuller  
Colonel Peterson  
Colonel Takafuji  
Captain Berg  
Colonel Erdtmann  
Colonel Parkinson  
Commander Ungs  
Colonel Leitch  
Commander Clifford  
Colonel Schuster  
Commander Helmkamp  
Commander Gray  
Colonel Wright  
Captain Robbins  
Lieutenant Kelley  
Dr. Weske  
Major Klenke  
Dr. Johnson-Winegar  
Colonel Friedlander  
Colonel Byrne  
Colonel Hoover

## APPEARANCES (Continued):

Colonel Taylor  
Colonel Wade  
Colonel Baze  
Colonel Jennings  
Dr. Brandt  
Dr. Smith  
Dr. Jahrling  
Dr. Broome

## I N D E X

OPENING STATEMENTS: PAGE

None.

Witness Direct Cross Redirect Recross

None.

EXHIBITS IDENTIFIED RECEIVED DESCRIPTION

None.

CLOSING ARGUMENTS: PAGE

None.

1 P R O C E E D I N G S

2 (Time Noted: 4:16 p.m.)

3 DR. KULLER: On the record. Two things.

4 First, we want to take care of the dates for the  
5 next meetings and rough idea where they -- what is  
6 going on.

COLONEL PETERSON: Yeah, the  
7 dates for the next meeting have been set for quite  
8 awhile now. Just to remind everybody, it is October  
9 6 and 7.

10 DR. BROOME: (Inaudible.)

COLONEL PETERSON: Pardon? I know.  
12 Unfortunately, the way we pick these things is the  
13 way I think most organizations do. We send out a --  
14 send out a request and then -- we have done this for  
15 the next year also -- we send out a request and ask  
16 people what dates are available. Our objective is  
17 to get the largest number of people here, and that  
18 is basically the driving force of it.

19 DR. KULLER: Okay, and after that, what is  
20 the next --

COLONEL PETERSON: After that, the dates I  
22 come up with using the same criteria are going to be  
23 February 23 and 24, 1995, which is a Thursday and a  
24 Friday; July 6 and 7, which is a Thursday and a  
25 Friday; and October 3rd and 4th, which is a Tuesday

1 and a Wednesday.

2           Actually, the first two dates, February and  
3 July, was pretty close to 100% of the Board members,  
4 and October was a real tough one to come up with  
5 dates, and I -- and as you just mentioned, Claire, I  
6 specifically avoided ICAAC on those dates.

7           I was able to for next year, because I  
8 think it is October -- it is either early or later  
9 in that first week in October, so I did the best I  
10 could on that.

11           DR. KULLER: Over in '95, what is the date?

12           COLONEL PETERSON: 3 and 4. No -- that is  
13 in '95, right?

14           DR. KULLER: Yes.

15           COLONEL PETERSON: Okay, October 3rd and  
16 4th, 1995.

17           VOICE: (Inaudible.)

18           COLONEL PETERSON: 6 and 7 of October,  
19 1994.

20           DR. KULLER: Okay, the -- anything else?

21           MALE VOICE: (Inaudible.)

22           COLONEL PETERSON: One more time. October  
23 6 and 7th, 1994, and that will probably be here at  
24 USAMRIID, okay? Then, 1995 dates, February 23 and  
25 24; July 6 and 7; October 3 and 4.

1 MALE VOICE: Okay.

2 COLONEL PETERSON: Did you want to mention,  
3 Dr. Kuller, just very briefly about our meeting back  
4 in April with Dr. Joseph? I mean, I made myself  
5 three little notes to -- you know, it is kind of to  
6 summarize it, and I don't know if you want to  
7 mention it to the Board members?

8 DR. KULLER: Well, I did -- as you know, I  
9 did go up one day and meet with Dr. Joseph at the  
10 Department of Defense at the Pentagon and talked to  
11 him about the Board and tried to give him a briefing  
12 of what we were doing and to also invite him to the  
13 meeting.

14 I will do the same thing again, hopefully,  
15 and try to get him to come to the next meeting. He  
16 said he would try to get to this one. Obviously, he  
17 didn't -- and hopefully try to get him to come to  
18 the meeting October 6th and 7th.

19 I think it is important for him to see what  
20 these Boards are about and see what the Board does  
21 and see what the discussion is, so that -- I think  
22 that is important.

23 I think he has some understanding of the  
24 Board a little bit, anyway, because he had a -- he  
25 said he had a similar type of Board in New York

1 City, but it really isn't the same, this Board of  
2 the New York City Health Department.

3 Being a member of the Board of Health in  
4 Allegheny County for years, the Board of Health  
5 functions very differently, more a consulting Board  
6 than this Board functions, and I think it is  
7 important to sort of recognize that phenomenon. So,  
8 hopefully, he will come to the next meeting.

9 He was just coming aboard and I think that  
10 one of the problems, of course, is that he has got a  
11 lot of things to do, and coming into that kind of a  
12 job a lot of learning to do, obviously, as well as  
13 the many issues that are involved. So, hopefully,  
14 we can get him to come to the next meeting. You all  
15 -- we want to go on now.

16 COLONEL PETERSON: I was just going to  
17 mention, he mentioned three specific areas that he  
18 thought the Board might be interested in  
19 collaborating with him on specifically.

20 One was issues related -- medical issues --  
21 related to the Persian Gulf illness and, of course,  
22 we talked about that and are going to proceed on  
23 some items we have talked about during the last day,  
24 or two here.

25 Another one was what he labeled -- and I

1 really wasn't real clear on what he meant by this,  
2 specifically, but the bio-technical/bio-medical  
3 environment future vision and plans.

4 I am not sure if you understood any more  
5 about what he meant by that than I did, but maybe he  
6 was making some reference to things like medical  
7 video teleconferencing which is beginning to start  
8 to take off not only in general, but also in the  
9 Department of Defense and that -- we really didn't  
10 get into specifics on that. That might be something  
11 we can ask him more about if he does come.

12 The third one that he addressed to the  
13 Board was issues relating to suddenly incurring  
14 contingencies, much like the Gulf War, so there were  
15 no surprises, I think, in the types of issues that  
16 he at least initially indicated that the Board could  
17 help him with.

18 DR. KULLER: I think that one of the  
19 things, I think -- in this biotechnology -- I think  
20 he was sort of looking at was the application of new  
21 biomedic -- application of new biomedical approaches  
22 and biotechnology, that they may apply in the  
23 Department of Defense, and how they relate to the --  
24 to both the Department -- to the Defense as well as  
25 the relationship with the civilian environment,



1    which -- how they -- how they interact, and I guess  
2    that is becoming important with telecommunication  
3    among bases.

4                   We saw that at one of our meetings, I  
5    think, at -- what was it? At Dulles Airport, if you  
6    remember, there was a demonstration of one of the  
7    surgeons about telecommunications of material and  
8    telecommunication of slides and things across --  
9    from remote bases to Walter Reed, or to Bethesda, et  
10   cetera, or even here, I guess, for diagnosis, rapid  
11   diagnosis, using new biotechnology procedures and  
12   consultation based on rapid new bio -- new  
13   technology, as well as the application of new  
14   biomedical techniques. We heard a lot about that  
15   today, I think. So, I think it was very good.

16                  COLONEL PETERSON: That is all I have.

17                  DR. ASCHER: His concern might be that in  
18   certain programs they might not be keeping up to  
19   speed with some of the rapid developments in the  
20   civilian sector, and the biotechnology -- and I  
21   think that if the question comes up you can assure  
22   him that, at least from what we heard today, they  
23   are right on the cutting edge in certain areas.

24                  DR. KULLER: Yeah. I think it is in -- I  
25   agree. I think that may be one of the issues in

1 terms of the concern.

2 DR. BROOME: Does the technology issue  
3 extend to developments in database and information  
4 technology? Is that something the Board has ever  
5 considered? Certainly from the point of view of  
6 surveillance and linked databases it is relevant to  
7 a number of the issues we discussed yesterday.

8 DR. KULLER: Claire, about two years ago we  
9 had an excellent, excellent presentation on that by  
10 a physician who was involved with Quality Assurance  
11 who has -- he has now since left. He was a  
12 urologist. What was his name?

13 COLONEL PETERSON: (Inaudible.)

14 MALE VOICE: Right.

15 DR. KULLER: He was a urologist and he  
16 presented --

17 COLONEL PETERSON: He since retired, I  
18 think.

19 DR. KULLER: It really was a very, very  
20 good --

21 MALE VOICE: His name was Buck.

22 MALE VOICE: Yeah.

23 COLONEL PETERSON: Yeah, Al Buck.

24 DR. BROOME: Buck.

25 DR. KULLER: It really was a very excellent

1 presentation of his attempt to develop a -- what  
2 really was quite a sophisticated database of  
3 information. Unfortunately, right after that he  
4 left and that was it. So, I think that potentially  
5 might appear again, because there is some real  
6 interest.

7 He was very interested in the surveillance  
8 issue, database management systems, systems  
9 evaluating quality of health care within the health  
10 services.

11 DR. BROOME: Did someone take his place,  
12 because that person really should be in --

13 COLONEL PETERSON: No -- I don't know. I  
14 don't think anybody has taken over exactly what he  
15 is doing. That may be an area, I think, that the  
16 Board could be very proactive in.

17 I think CDC might be a stepping stone for  
18 some of the things that you may be involved in with  
19 what DOD has not done, or could be doing, or we are  
20 a step behind, or something. I mean, he might be a  
21 good resource to push us along, or something.

22 DR. KULLER: I thought this new Center for  
23 Prevention and Promotion, the Army's Center, I  
24 think, has part of that component, doesn't it?

25 As I understood from the diagram, that is

1 part of this new Center for Prevention, and Health  
2 Services is going to include a data management  
3 system, I guess, an information system.

4 COLONEL PETERSON: As a matter of fact, an  
5 agenda item for the future might be to hear what CDC  
6 is doing in this broad area, or something, just to  
7 kind of generate some ideas and discussion and  
8 focus, and I think -- again, I think that would be a  
9 very, very positive area for the Board.

10 DR. KULLER: We worked fairly closely with  
11 NASA, and NASA has gotten very much interested in  
12 this, as well -- interested in this, because of its  
13 satellite communication systems.

14 We have been working with NASA and with  
15 PAWHO in the World Health Organization to try and  
16 set up a network of reporting systems, especially in  
17 countries where there is a marginal training -- both  
18 training and in a marginal data collection system.

19 But, NASA has gotten very interested in  
20 telecommunications as a -- in the health field as a  
21 whole group, so maybe sometime -- also, bringing the  
22 NASA people in terms of what they are doing in  
23 telecommunications and satellite systems, and maybe  
24 linking that up, somehow.

25 DR. BAGBY: Last month in San Diego I was

1 introduced to a group I had never heard about before  
2 that are as far advanced in this as anyone could  
3 possibly be at this point, I guess, and that is the  
4 Black College Satellite Network.

5 I don't know if you have heard about them,  
6 or not, but they -- 12 years ago, they recognized  
7 that, traditionally, black colleges had somewhat  
8 poor faculties, but they had within those some very  
9 good faculty members, and they decided they wanted  
10 to share this resource they had of good faculty  
11 members.

12 So, they set up a corporation which is  
13 headquartered here in Washington, and they bought a  
14 lot of time from NASA for satellite time that they  
15 own. They own the full rights to it and they can  
16 put  
17 on -- communicate satellite communications, whether  
18 it is training courses, or whatever it is, for a  
19 fraction of the cost of what the rest of us have to  
20 pay, because they blocked off this mass of time.  
21 They might be a good one for you to contact in this  
22 whole idea of communication.

23 DR. ALLEN: It goes certainly far beyond  
24 the communications issue. It touches right in with  
25 what we talked about about; tracking of personnel,

1 knowing who is coming back, what their experiences  
2 have been if they have been overseas, the whole  
3 linkage of medical records back and forth.

4 I think there is a lot of different areas  
5 of this that we might well want to address and  
6 provide some assistance and, again, coordinate with  
7 across the Services. The Air Force indicated they  
8 are starting their new Prevention Center, also, and  
9 this would be an ideal time to get in on the ground  
10 floor.

11 DR. KULLER: This might be good, and I  
12 don't think we could really pump it up in October,  
13 but maybe the February meeting, and look at a place,  
14 or look for the group to bring it in, at least part  
15 of the time.

16 COLONEL PETERSON: Yeah, I would suggest --  
17 I would solicit suggestions for activities in this  
18 area for a future Board meeting from the Board  
19 members. I think a lot of times what we hear is,  
20 "What are we doing in the military?"

21 That makes a nice presentation to the  
22 Board, but I think what Dr. Joseph is after and what  
23 the Department needs is to hear from what the Board  
24 members know, or interact with, or can bring to the  
25 table that may be different than what we are doing

1 with in DOD.

2 DR. HANSEN: I would suggest you go back to  
3 the minutes of that meeting where Dr. Buck spoke,  
4 because, as I recall, it was very titillating and  
5 that it was quite clear that he identified some of  
6 the problems DOD was having in information  
7 management, and I think if we picked up there,  
8 somebody has to be dealing with those problems, even  
9 if no one replaced him.

10 DR. KULLER: We should find out. That  
11 would be very useful in terms of our background, so  
12 we don't go over the same territory again, and just  
13 find out whatever happened, because at that time  
14 they were moving pretty aggressively into a database  
15 management system within the government, within DOD  
16 and -- at least for their medical records, and it is  
17 completely disintegrating.

18 DR. ASCHER: We heard about a serum bank  
19 with 12,000,000 sero -- you know, a million and a  
20 half a year, and you should have a computer program  
21 that would tell you at any point in time where every  
22 service member is, within -- with some error.

23 Federal Express can do it with packages in  
24 real time, right? Why don't -- wouldn't we know the  
25 unit of assignment? I bet you can't get that

1 information.

2 DR. KULLER: You want to know where the  
3 people are, or you want to know where the sera are?

4 DR. ASCHER: Where the people are.

5 MALE VOICE: They go with the sera.

6 DR. ASCHER: I mean, just, say, who went to  
7 the Persian Gulf? I was told they didn't know who  
8 went, in retrospect.

9 DR. PETERSON: Yeah, that's right.

10 MALE VOICE: Fed Ex has a profit, in order  
11 to make the difference.

12 MALE VOICE: I bet they could know where  
13 the sera are.

14 (Laughter.)

15 DR. SELL: The Institute of Medicine  
16 conducted a three-year study called STAR and this  
17 dealt with strategies for the year 2020. There was  
18 one section added to that on biomedical sort of  
19 events, but I don't know if any of you are familiar  
20 with it.

21 I was a member of the committee that dealt  
22 with that area. This discussion you are talking  
23 about was at least one half of the discussion time  
24 of what was taking place in producing that report.

25 That report has now been turned into a book



1 and the book has now been turned over by the  
2 Institute of Medicine to the -- I guess to the  
3 Surgeon General of the Army, and what amazed me the  
4 entire time I served on this thing is why AFEB was  
5 not doing this, because this is exactly what I had  
6 thought of this group doing. Now, they have  
7 commissioned another group and the leader of the  
8 group actually was a former director of NIH,  
9 Fredericks. He was forfeiting all of these  
10 activities and the people from industry and other  
11 places, I guess to have the broadest possible scope  
12 of activities, and it is only a tiny portion of  
13 STAR.

14 STAR is mainly being dealing with weapons  
15 and other things, but all of STAR is loaded with  
16 exactly this kind of suggestion and in there, for  
17 instance, they want battlefield -- one of the things  
18 -- the goal for 2020 is to have each soldier have a  
19 pin and on that will identify every toxin they come  
20 in contact with and locate him precisely where he is  
21 at.

22 It will tell you what his blood pressure and  
23 every other vital sign is and -- so that you have  
24 all the information on everyone all the time, and  
25 have it in a way that the enemy can't determine

1 where he is.

2 That was one of the things that they really  
3 focused on, and battlefield removal of individuals  
4 as long as you have dispersed soldiers. You no  
5 longer have soldiers together with each other, and  
6 now requires non-people movers to get the soldiers  
7 back in for care, because they are no longer  
8 supposed to give them -- that a Corpsman can go and  
9 grab someone and bring them in, so there were --  
10 another major issue were people movers.

11 It sounds like little mobile -- what do you  
12 want to call it? Coffins, to sort of slide into to  
13 maintain the protection and blood pressure and such  
14 for the individual while they are being routed in --  
15 into a local battlefield site.

16 Those things all came up in that STAR  
17 report and, clearly, they should have had input from  
18 AFEB, but at least I guess what I am saying is, we  
19 should get hold of the report.

20 DR. ASCHER: Yeah, can we get copies of  
21 that?

22 DR. SELL: It sounds like if it went  
23 through the Army -- I mean, I don't know if you guys  
24 have even heard of that?

25 MALE VOICE: The Institute of Medicine has

1 it. This was national (inaudible).

2 MALE VOICE: (Inaudible.)

3 FEMALE VOICE: What is the name of it?

4 MALE VOICE: I remember a book.

5 MALE VOICE: We will look and see.

6 MALE VOICE: If nothing happens --

7 MALE VOICE: With just a word of caution, I  
8 think that when we are talking about data  
9 management, public health data management, it is  
10 relatively simple once you sit down to determine  
11 what you want, to design a computerized system.

12 The problem is that, you know, like sports  
13 medicine, that injury, they will develop a very good  
14 system, but then to try to get that (inaudible)  
15 integrated, say, with outpatient and  
16 hospitalization, I mean, right now the public health  
17 -- we have a tuberculosis program that is automated,  
18 immunization has a separate system, laboratories  
19 have a separate system, each county has a separate  
20 system and each one may be a sort of a state of the  
21 art system. The problem is each one has their own  
22 individual objectives and they have designed their  
23 own system and (inaudible).

24 DR. KULLER: I think --

25 DR. BROOME: You've got a tremendous

1 advantage with the military.

2 MALE VOICE: Yes.

3 DR. BROOME: You have got an identification  
4 number for everybody.

5 DR. KULLER: I think -- yeah. I think the  
6 main thing is to find out --

7 DR. BROOME: And a lot more people.

8 DR. KULLER: -- is to find out what is  
9 going on, because it may well be that there are so  
10 many systems that, basically, it is going to be just  
11 utter confusion and no useful data.

12 I think we could at least find out. Okay,  
13 well, we will put that on --

14 DR. SELL: I will send a copy of that  
15 report so that you can see -- (inaudible).

16 DR. KULLER: What is it called?

17 DR. SELL: Oh, I can't remember.

18 COLONEL PETERSON: Maybe just fax the  
19 reference to me, or something and I can --

20 DR. SELL: Okay.

21 DR. KULLER: I meant, we would probably  
22 wind up just having it, if he would tell us what it  
23 is. Okay, the couple of other -- a few other  
24 things. We did get the response on the mefloquine  
25 question and that is taken care of, so that -- that

1 issue is solved.

2 As you know, we heard today that the --  
3 that the vaccine program really needs a rapid  
4 turnaround from the Board in terms of  
5 recommendations on immunization.

6 These recommendations really are, I think -  
7 - don't -- are not primarily the censorship they  
8 have at their own vaccine facility, but really deal  
9 with issues about immunization, issues related to  
10 immunizing with agents, vaccines which are on IND,  
11 what vaccines should be available, be pushed, and  
12 when the vaccine should be used, who is at risk and  
13 what kind of responses are necessary, and things of  
14 this sort.

15 This is a very important component to the  
16 Board, and what we have done is proposed that in the  
17 first week of August, August 3 to 4, or so, that the  
18 disease -- as many members as the disease control  
19 subgroup within limits who could make it would meet  
20 in Washington for a day, and Mike Ascher would chair  
21 that, probably in Falls Church, or somewhere -- in  
22 their National Airport, so people could get in  
23 perhaps early in the morning and then be able to get  
24 out the same day, but I could perhaps find out how  
25 many of the disease control members, Board members

1 who are Disease Control, were here. Jim, could you  
2 make it?

3 DR. CHIN: I will be in Yokohama.

4 DR. KULLER: Okay. Mike said he could make  
5 it. Dr. Bagby?

6 DR. BAGBY: Yes.

7 DR. KULLER: Okay. Claire, you said you  
8 could do it, right?

9 DR. BROOME: Yes.

10 DR. KULLER: Alright, very good. Jim, you  
11 are going to be in where?

12 DR. CHIN: Yokohama.

13 DR. KULLER: That is a problem. Sorry  
14 about that.

15 DR. CHIN: (Inaudible.)

16 DR. KULLER: Huh? Greg is -- okay. So, we  
17 will give him the day. Jack, can you?

18 DR. GWALTNEY: I am not sure.

19 DR. KULLER: Would you look? Yeah, it will  
20 be probably the last -- it would probably be the 3rd  
21 or 4th of August and we will try to do it -- and the  
22 idea would be we talk to them as to try to get the -  
23 - everything together in one day so that it is not -  
24 - doesn't drag on.

25 If possible, get some decisions made and

1 know where everything is today. We heard the  
2 overview. We will be out here again in October  
3 where we could basically begin to deal with some  
4 further issues, but I think there is some particular  
5 things.

6 MALE VOICE: Could we pick a date now?

7 DR. KULLER: Chad, can you do it?

8 DR. STEVENS: (Inaudible.)

9 DR. KULLER: You can't do it that day?

10 DR. STEVENS: I am in Yokohama.

11 DR. KULLER: You are in Yokohama, too, huh?

12 Okay.

13 MALE VOICE: Can we maybe pick either the  
14 3rd or 4th?

15 DR. KULLER: Which day would be preferable  
16 for this, the 3rd or the 4th? That is a Wednesday  
17 and a Thursday.

18 MALE VOICE: Thursday I am supposed to  
19 leave.

20 DR. KULLER: So, make it the 3rd. Is that  
21 better? Make it the 3rd, then, of August. Does  
22 anybody have any problems with August 3rd?

23 (No response.)

24 August 3rd. So, it will be August 3rd.

25 Claire, is that okay with you, August 3rd?

1 (No response.)

2 Claire, August 3rd is alright?

3 DR. BROOME: I am not certain, I will  
4 check.

5 DR. KULLER: Okay, please check, because it  
6 is important that we get at least as many members of  
7 the Board as possible for that meeting from the  
8 Infectious Disease Subcommittee -- Disease Control  
9 Subcommittee.

10 DR. CHIN: Something that we prepared in  
11 advance by --

12 DR. KULLER: The problem is, it is a class  
13 -- it is going to have to be classified again, okay?  
14 That does a couple of things. One, we can't send  
15 anything out ahead of time and, two, we have to --  
16 the location has to be --

17 DR. CHIN: We may prepare something.

18 DR. KULLER: Yes, yes. As a matter of  
19 fact, we have talked about that.

20 COLONEL PETERSON: I think also they are  
21 going to come up with a straw man, basically, for us  
22 and give us the rationale, the help to get the straw  
23 man so we can change it if need be.

24 DR. CHIN: Because, otherwise, you wouldn't  
25 be able to do that (inaudible).



1 COLONEL PETERSON: We made that very clear  
2 we need to have something to work from. I think,  
3 Mike, you could --

4 DR. ASCHER: Definitely, we need, though --  
5 we need the request in writing (inaudible).

6 COLONEL PETERSON: It is in writing. It is  
7 in a DOD Directive. We were --

8 DR. KULLER: It is in writing. We have a  
9 copy right here which basically says that within --  
10 within -- they are behind, as they said, right now.

11 They have got a memo from Joseph that says they are  
12 supposedly in consultation with the Board, and to  
13 make recommendations to Joseph. It is supposed to  
14 be within four weeks of eight weeks ago.

15 COLONEL PETERSON: Lieutenant Colonel  
16 Falkenheimer at the last meeting gave a short brief  
17 on this.

18 DR. ASCHER: Remember why this is coming  
19 about, as I understand it, it was that when Desert  
20 Shield/Desert Storm came and they asked the  
21 question, "Where are our vaccines and where is our  
22 policy," the answer was, "We don't know, around here  
23 somewhere."

24 It turned out that because they didn't have  
25 an algorithm to take a look at Kuwait and Saudi and

1 go to the (inaudible) and look at the current  
2 epidemiology, dot, dot, dot, and fill in what might  
3 be used both for BW defense and for normal use, it  
4 is something they didn't have, apparently, and they  
5 would like help making one. I think we can do it.

6 DR. KULLER: I think it is supposed to be  
7 regularly updated periodically. I am not sure how  
8 often, but --

9 COLONEL PETERSON: I will send -- I will  
10 send each of the committee members a copy of the DOD  
11 Directive.

12 DR. ASCHER: But, I think an algorithm is  
13 what they are talking about.

14 COLONEL PETERSON: Well, it is very  
15 specific. There are very specific questions. I  
16 have a copy I  
17 can -- there is a copy here. They are very, very  
18 specific.

19 MALE VOICE: Actually, I have got it, too.  
20 It is one short paragraph and I would be happy to  
21 find it while you are (inaudible).

22 MALE VOICE: It probably is also going to  
23 be important for any of the vaccines that are under  
24 IND to look at what kind of informed consent is  
25 necessary.

1 DR. KULLER: Well, this is a very -- this  
2 is a very substantial problem, because as somebody  
3 said, it is very difficult when you have your troops  
4 in the field to tell the General that they have got  
5 to go out and get a signed -- each soldier has got  
6 to sign a consent form.

7 MALE VOICE: Well, that is exactly right,  
8 and what happens when somebody decides to opt out?  
9 I mean, are you not going to send them over and --  
10 you know, or can they opt out?

11 DR. KULLER: Well, what they did the last  
12 time with FDA is they got a waiver, and that is  
13 basically -- you have to -- I think that we have to  
14 decide when they should get the waiver and what  
15 should be the implications.

16 COLONEL PETERSON: Let me just read you  
17 this paragraph real quick. It is a Department of  
18 Defense Directive dated November 26th, 1993 and the  
19 title is "DOD Immunization Program for Biological  
20 Warfare Defense", and I will send this to you, but  
21 let me just read you the paragraph that applies to  
22 the Armed Forces Epi Board.

23 "The chair of the Armed Forces  
24 Epidemiological Board in consultation with the DOD  
25 Executive Agent and the Secretaries of the Military

1 Department, annually and as required shall identify  
2 to the Assistant Secretary of Defense for Health  
3 Affairs vaccines available to protect against  
4 validated biological warfare threat agents and  
5 recommend appropriate immunization protocol."

6           So, we will have a straw man that addresses  
7 those two areas that we have been tasked in the  
8 Directive, but it also says it is supposed to be  
9 done annually and, obviously, it hasn't been, so we  
10 should remember that basically in some ways that is  
11 -- if it says through Armed Forces Epi Board, it is  
12 supposed to be updated annually.

13           So, once we do it this time, then annually,  
14 perhaps at the fall meeting every year, the Disease  
15 Control Subcommittee can meet before the fall  
16 meeting and just update the current status, okay?  
17 Yes?

18           DR. JORDAN: I think you stated that the  
19 Board of -- the members ought to have that Directive  
20 and read that, because it really does put a lot of  
21 responsibility on the (inaudible).

22           The second thing is that the waiver was  
23 granted because of true emergency situations before.

24           However, I think as part of this vaccination plan  
25 that it is going to include the routine vaccination

1 of soldiers when the threat is not so imminent. If  
2 I am not mistaken, things like smallpox and anthrax.

3

4 Are there rapid deployment units that  
5 should have the anthrax, or the smallpox at this  
6 point so -- and it is going to be hard to get a  
7 waiver in those cases, I imagine.

8 DR. KULLER: It asks specifically in the  
9 recommendations, is the way I look at it in reading  
10 this over, it asks specifically which soldiers or  
11 which groups should be immunized and when, and when  
12 the policy should be modified. So, example --

13 DR. ASCHER: I am looking beyond this to  
14 the fact that we have previous recommendations since  
15 I have been out here for use of reporting  
16 cephalitis, all of which are out there in la-la  
17 land, so you are going to have to -- if you decide  
18 to go into the (inaudible), you have got to go out  
19 and pull those in, because they are endogenous  
20 threats.

21 So, it has to be eventually pulled together  
22 into some meaningful document that includes all  
23 vaccines, all measures of infection.

24 DR. KULLER: Right. So that we will be  
25 moving, hopefully, forward in the early part of

1 August in, hopefully, one meeting, and then the next  
2 meeting the Board can meet again.

3 The Disease Control can meet before the  
4 meeting of the full Board, or during the meeting of  
5 the full Board in October, here, and finalize any  
6 particular problems, or continue any problems. I  
7 think that is an important contribution of the  
8 Board.

9 The other aspect, of course, was the letter  
10 that we prepared for Dr. Joseph regarding the Gulf  
11 situation. Unfortunately, we can't get -- couldn't  
12 get the letter retyped again after everybody's  
13 changes. We put in -- almost everybody's changes  
14 in, including the consensus from both sides of the  
15 table. I think it reads very, very well.

16 It will take awhile to get the letter  
17 finalized, signed off and to Dr. Joseph, but  
18 hopefully he will respond and suggest a subcommittee  
19 and we will create a subcommittee of people to deal  
20 with that issue.

21 I think that in terms of design of this  
22 study there are particular people on the Board who  
23 would have expertise with regards to study design,  
24 data collection and issues related to measurement of  
25 psychological and behavioral attributes.

1           I had suggested also that it might be  
2   useful -- and I don't know whether we could work  
3   this out -- but, it seems to me because of our  
4   concerns about some of the behavioral aspects of  
5   these problems and the psychological problems that  
6   are occurring, that it might be useful at the  
7   meeting to have some briefing by somebody from  
8   either the -- that deals with the psychiatry or  
9   psychology, or mainly the psychiatry program within  
10   the military, especially in preventive medicine that  
11   deals with the issues of -- and how these things are  
12   being looked at and how they deal with them, because  
13   I think we really haven't heard that.

14           Yet, a lot of us are concerned that one of  
15   the big problems that we are going to be dealing  
16   with constantly in these events is going to be --  
17   especially with the reservist -- is going to be  
18   dealing with the stress, the dislocation and  
19   physiological and pathological changes, as well as  
20   problems of vaccines, toxins, biological warfare  
21   agents, et cetera.

22           COLONEL PETERSON: They all work with the  
23   preventative medicine consultant to --

24           DR. KULLER: So, it might be useful.

25           DR. ASCHER: We could look at things like

1 instructions to the Commanders around deployment and  
2 what is being written for them after the fact. One  
3 of the things that I am seeing is our own experience  
4 in the Reserves, and one of the things was that  
5 deployment came out of the blue. There was no  
6 warning, so the unit was not prepared at all.

7           You are supposed to go to Letterman, which  
8 is, you know, 55 feet down the street, and the next  
9 thing you know they are in Colorado, and the people  
10 were just completely unprepared and the Commander  
11 was unprepared.

12           So, after the fact they would hope you  
13 would put in place instructions in the Commander's  
14 handbook of what you do when you go over unprepared  
15 and what you do when you come back, and see if the  
16 people are thinking about them.

17           COLONEL PETERSON: So, what we are talking  
18 about, then, is psychological issues related to pre  
19 and post deployment using PG -- using the Persian  
20 Gulf illnesses as a model. Is that what we are  
21 talking about?

22           DR. ASCHER: Exactly. Well, even, you  
23 know -- I am sorry. Go ahead.

24           COLONEL ERDTMAN: Dr. Kuller, last week --  
25 well, I should -- let me back up. Every week there



1 is a general officers meeting at Dr. Joseph's office  
2 to talk about this evaluation program that you heard  
3 about yesterday that generated a lot of interest.

4 As a follow on to that, Dr. Joseph wants to  
5 say, "Look, this thing went sour just like after  
6 Vietnam with Agent Orange and now after the Gulf  
7 War." One of the problems that -- one of the  
8 systemic problems that we are having is how do we  
9 have a long term plan for trying to fix it for the  
10 future, so we asked the Army to take the lead on  
11 that thing and move it up and put together some sort  
12 of a concept of how, perhaps, this could be done  
13 better in the future.

14 But, I would like to have AFEB participate  
15 in that process and I think this is something that -  
16 - this is --

17 DR. ASCHER: I believe, your area.

18 MALE VOICE: It is the highlight of the  
19 letter.

20 DR. KULLER: Well, our letter basically  
21 says that we think that the AFEB should be doing  
22 this and should have a role with the Preventive  
23 Medicine officers in terms of doing this, and it  
24 might be worthwhile for -- to come from you in the  
25 sense of if you are going to play --

1 COLONEL ERDTMAN: My first report is next  
2 week on what this plan is and, so, my  
3 recommendations are -- it is a rough cut, but --

4 DR. KULLER: Well, I think it would be a  
5 very good idea. I think a lot of us have had -- I  
6 mean, I think a lot of us have had experience in  
7 looking at these kinds of issues, and there is a lot  
8 out there in trying to deal with them, but, you  
9 know, I really think that, you know, that part of it  
10 may be a plan, but part of it may be an education  
11 going up as well as going down in terms of how to  
12 deal with these things and in trying to defuse them.

13 I am not sure you can defuse them, to be  
14 very honest. I think that there is a certain  
15 political ramifications, unfortunately, which make  
16 things extraordinarily difficult to diffuse no  
17 matter how good you are.

18 But, at least, you know -- it is like we  
19 just talked about in telecommunications. I think  
20 there are big corporations in the United States that  
21 have tremendous problems in corporate dislocation,  
22 both in terms of corporate moves, but also in  
23 reducing their staff, and especially people who are  
24 in mid-life, or even older who don't expect to be  
25 dropped, or having substantial cut-back in force and

1 who deal with these issues in terms of how to handle  
2 these kinds of problems, what kind of illness  
3 behavior you see and how this relates to what you  
4 see here. Is this really the same kind of a general  
5 phenomenon and -- you know.

6 DR. HANSEN: Well, I think he is asking for  
7 our help. Is he asking for us to set up a  
8 subcommittee?

9 DR. KULLER: Well, he asked if they --

10 DR. BROOME: Because he needs to do it  
11 right now. I mean, I got the impression you are  
12 talking in the next two months, right?

13 DR. KULLER: I think we --

14 MALE VOICE: Three weeks.

15 (Laughter.)

16 DR. BROOME: Right, but I mean --

17 DR. KULLER: Well, I think the one way to -  
18 - I think the one way to do this, as we have done  
19 with other things, would be to say -- is to put in  
20 writing a recommendation for us to get involved, and  
21 we have already written to Dr. Joseph and said we  
22 think we should be involved, given the fact of what  
23 information we have heard here.

24 (Pause.)

25 COLONEL ERDTMAN: I am going to be -- I

1 have to present something next week, but it is going  
2 to be very broad and --

3 DR. KULLER: Well, Rick, when --

4 COLONEL ERDTMAN: It is not going to be a  
5 completed project and I -- what I would like to do  
6 is maybe in October, you know, have that as a  
7 starting point for this discussion and then have it  
8 further developed and --

9 DR. KULLER: Why don't you try to get  
10 us -- something to the Board as soon as you can,  
11 asking the Board to participate in this discussion,  
12 if that is all you have to do.

13 That would get us basically involved with  
14 you in doing it, and then the next thing we can do  
15 is just create a subcommittee. Once we get that  
16 letter from you, I can instantaneously create a  
17 subcommittee and we can go from there.

18 COLONEL PARKINSON: What we have to do is  
19 call (inaudible).

20 MALE VOICE: Yeah.

21 COLONEL PARKINSON: Your letter arrives at  
22 Dr. Joseph's office probably before we (inaudible).

23 I think you will want to find Dr. Joseph has  
24 already reached out on this very issue to you  
25 directly, Dr. Kuller, and said, "Hey, we want your

1 help in this area, so here is the avenue to do it,"  
2 but as soon as that letter -- if that is the right  
3 sentiment that is in that letter -- as soon as that  
4 gets to Dr. Joseph, it primes him, so it filters  
5 down from above, as opposed to coming from us. For  
6 example, (inaudible).

7 COLONEL PETERSON: What I would suggest is  
8 that the letter arrive and you do what you have been  
9 tasked to do, and then after Dr. Joseph has had a  
10 chance to read that, you might propose to Dr. Joseph  
11 subsequent to reading the letter that the AFEB --  
12 how about if we go to the AFEB, "I would like some  
13 additional help on this to make sure we are doing it  
14 right," or whatever.

15 I think that would be good. The timing on  
16 the letter -- I am on leave for the next two weeks,  
17 so it will be three weeks before Dr. Joseph gets the  
18 letter, at least, which does not help you at all,  
19 that much.

20 DR. HANSEN: Well, why don't we just get it  
21 out?

22 COLONEL PETERSON: What?

23 DR. HANSEN: When the letter is done?

24 COLONEL PETERSON: Well, it has to be -- if  
25 somebody else wants to take it back and re-type it.

1 DR. HANSEN: Yes. I mean, it has all been  
2 done.

3 COLONEL PETERSON: It just has to go out on  
4 letterhead stationery.

5 DR. HANSEN: Right, but --

6 COLONEL PETERSON: It has to go out on  
7 letterhead.

8 MALE VOICE: Well, it should go out per  
9 your signature on AFEB letterhead stationery.

10 DR. HANSEN: But, if you charge your  
11 secretary.

12 MALE VOICE: That is not a problem if you  
13 can fax it in and ask her to type it up.

14 DR. KULLER: If you could fax it back to --  
15 are you going to be in your office tomorrow?

16 COLONEL PETERSON: I will not be in my  
17 office. Tomorrow is Saturday. I am not going -- I  
18 am going to be gone tomorrow for two weeks.

19 DR. KULLER: Where is the letter now? I  
20 could take it.

21 COLONEL PETERSON: It is right here.

22 DR. KULLER: Well, then, give it to me.  
23 That is ready. Just give me --

24 COLONEL PETERSON: Good, I can check that  
25 off my list of things to do.

1 DR. HANSEN: Yeah, we don't want to have to  
2 wait three weeks. That would be bad.

3 DR. KULLER: I can do that on -- if it  
4 should go on AFEB stationery.

5 COLONEL PETERSON: I think it would be  
6 appropriate since it is coming from the Board.

7 DR. KULLER: Do you have some AFEB  
8 stationery?

9 COLONEL PETERSON: Well, I don't have any,  
10 and that is the problem. I mean, just give Jean a  
11 call.

12 DR. KULLER: Okay, I will give Jean a call  
13 and get AFEB stationery.

14 COLONEL PETERSON: We can mail it to you  
15 Overnight.

16 DR. KULLER: I will put this in my pocket.  
17 Three weeks from now I will remember it.

18 (Laughter.)

19 If I put it in my pocket it will get done  
20 Monday. Okay, so it will go out on Monday, then.

21 MALE VOICE: That takes care of that.

22 DR. KULLER: Or, Tuesday, as soon as I get  
23 some stationery. If I have trouble getting  
24 stationery, I will do it on my own stationery,  
25 that's all. Okay. Yes?

1                   DR. BROOME: In terms of your immediate  
2 task, there were a couple of things that came up  
3 yesterday when I believed you weren't here that I  
4 think are relevant.

5                   We talked about the fact that the serum  
6 repository that is currently collected of HIV tested  
7 individuals provides an excellent baseline serum for  
8 looking at possible subsequent exposures on  
9 deployment.

10                  We talked about the fact that improved  
11 information systems on troop movements and location  
12 and potential exposures would be helpful in  
13 subsequent situations and then, finally, when you do  
14 end up having a problem, these issues about doing  
15 scientifically valid studies that look at likely  
16 hypotheses is obviously something that the Board  
17 feels pretty strongly about.

18                  COLONEL ERDTMAN: Colonel Tomlinson was  
19 here yesterday and I have already talked to him and  
20 he  
21 has -- also has more information, and we will try to  
22 incorporate some of the discussion into the plan  
23 that will be presented next Thursday, but that will  
24 just be the starting point, and then I will formally  
25 ask that this be more definitively looked at by the



1 Board.

2 MALE VOICE: This is going to be a tri-  
3 Service effort even though he is asking me in this  
4 particular project to take the lead. We are already  
5 setting up a meeting next week with the Air Force  
6 and Navy to help put the first cut together before  
7 we  
8 even -- before we even present it the first time to  
9 Dr. Joseph next week.

10 MALE VOICE: (Inaudible.)

11 MALE VOICE: What's that?

12 MALE VOICE: (Inaudible.)

13 MALE VOICE: The Board's guidance on what  
14 sort of exposure data, which you think would be  
15 prudent to capture in the generic sense, would  
16 certainly be useful.

17 It is easy to say -- it is nice to take  
18 exposure data, but I would have to ask to what  
19 frequency is the Desert Storm -- was it something  
20 that we have rooms of data from -- about the hygiene  
21 data  
22 to -- and the data in a situation like this, data  
23 does not diffuse the situation, because you are  
24 always collecting something different.

25 I don't mean to diminish your proposal, or

1 serological tests, or something else, but the other  
2 types of data captured as far as chemicals, or dead  
3 sheep, or other types of things, are very difficult  
4 to try to get here after the fact.

5           So, you have to have some structure of what  
6 you can reasonably predict. I think we have all  
7 done studies in terms of after the fact when you get  
8 a retrospective look. Something is not available  
9 and trying -- the cost of perspective studies of  
10 what we are suggesting is prohibitive even when you  
11 have a protocol.

12           So, I think you have to lay a background,  
13 determine what is feasible and hopefully that will  
14 fit within the current military structures, and  
15 remembering after the fact that we lack the military  
16 (inaudible) exquisite capture of ambulatory data,  
17 outpatient data.

18           DR. KULLER: I think just -- we are going  
19 to finish up here, but I think one of the things  
20 that is needed is an experiential model, and that is  
21 that these are -- you have to look at past  
22 experiences of events that are similar in what has  
23 happened and how people have responded and what you  
24 have done about them to be prepared for the next  
25 event, and the same thing with the design of the

1 studies, you know.

2           The people who are designing, you know,  
3 Gulf War related studies may not have been looking  
4 very carefully at the people who did all the work in  
5 looking at the Vietnam issue. The agents may be  
6 different, the disease implications may be a little  
7 bit different, but the methodology, and especially -  
8 -

9           There was a phenomenal amount of work that  
10 was done to try and locate the troops who were in  
11 Vietnam and an equally bigger problem which was  
12 never resolved about where they were in Vietnam, and  
13 as you may know we -- the military spent a small  
14 fortune -- the Department of Defense -- trying to  
15 locate where all the troops were in Vietnam, and  
16 could never figure that out.

17           I mean, we did replication studies where we  
18 gave the same names -- blank. I mean, changed the  
19 names, changed all the numbers, but they were the  
20 same people, except that they had these numbers, fed  
21 it back in again into the system and got completely  
22 different data and that is when, basically, the  
23 whole thing collapsed, because it was obvious that -  
24 - and legitimately -- I mean, in Vietnam that little  
25 bit less than it was in Desert Storm, but in

1 Vietnam, you know, nobody was keeping exact track  
2 where everybody was at any one moment, and the  
3 result was that that whole system collapsed.

4 But, it was a tremendous amount of work and  
5 nobody should do that over again, because it is  
6 clear that that system does not -- there is no way  
7 that system is going to work in war time that you  
8 are going to be able to tell somebody within a  
9 hundred feet where somebody is at any one day.

10 No matter how anybody tries, it doesn't  
11 work, nor could they ever figure out merely where  
12 the ranch hands basically drop H --

13 DR. ASCHER: It sounds like an internal PR  
14 problem. One of our Board meetings we almost had a  
15 standing ovation for the people from Somalia telling  
16 about how well this patrol works. That report  
17 should have been on the front page of the Military  
18 Times.

19 DR. KULLER: That's right.

20 DR. ASCHER: The next week, because then we  
21 don't have things that we do see in those kind of  
22 rags saying there was a huge amount of vomiting and  
23 diarrhea in the Gulf. It's nonsense.

24 It was wonderful, very, very low numbers.  
25 We all heard it, but there is nothing neutralizing

1 now. So, when things -- you have to get the good  
2 news out there, and I think if that had been done,  
3 in retrospect, it would have helped a lot.

4 It is boring. It says, "Preventive  
5 medicine has great success in Gulf. Rates of this,  
6 lowest ever." Hey.

7 MALE VOICE: That is not only in -- in the  
8 -- I think that is part of it and I think  
9 information -- I think we talked about this when  
10 this happened and pointed out at that time when we  
11 had this discussion about getting the information  
12 out and didn't, and that is one of the things we  
13 have -- perhaps will learn again and have a  
14 discussion.

15 How do you get the information out to the  
16 public, to the politicians for the responders in the  
17 sense that this was a huge success, rather than what  
18 is the bad things that happen and how do you get  
19 that out, and that may be part of the issue about  
20 public relations -- and how do you deal with public  
21 relations in these kinds of issues.

22 MALE VOICE: One of the things that I have  
23 been thinking about that you might want to think  
24 over a little bit, and it was in the Ledbetter  
25 Report, and it is just common sense, and that is

1   that the acute exposures to any type of event,  
2   toxin, agent, organism, whatever, if it is high  
3   enough you should see something acutely and not  
4   necessarily see something 3 months, 3 years, 30  
5   years down the road, with rare exception.

6               But, wouldn't it be neat if we had a time  
7   line, or essentially some type of not just an  
8   algorithm or surveillance system, but basically set  
9   markers post deployment for categories of illnesses  
10   or diseases that you can exclude or no longer need  
11   to screen for on a regular basis, or something like  
12   that.

13              One of the disturbing things is not only  
14   that the DNBI rates were the lowest of all time, but  
15   the notion that we had scientists including talk  
16   about now genetic defects being passed on for agents  
17   that no one has ever heard could be passed on  
18   through spouses while we are looking for it.

19              No one has debunked systematically the fact  
20   of what agents do we see that have passed on -- that  
21   could come down in the children three years after --  
22   you know, it ain't there, and maybe there is a  
23   definitive way to say some of that up front in such  
24   a way that at least -- the state of the art of the  
25   science that we know about; heavy metals, what we

1 know about infectious agents to a certain degree.

2 DR. KULLER: Well, I think you are  
3 absolutely right. Unfortunately, the perception is  
4 that science and whatever else goes on afterwards --  
5 but, another area that would be very interesting is  
6 to go to the National Center for Health Statistics  
7 which does the health interview survey.

8 You basically know yourselves, for example  
9 -- which has never been done -- given the fact that  
10 you have 500-and-some thousand people that went to  
11 the Persian Gulf and were there for x-periods of  
12 time and given their ages, how many people would you  
13 expect -- who were given the National Health  
14 Interview Survey data from home interview survey --  
15 how many people do you expect are going to complain  
16 about losing hair, anxiety, depression, weakness,  
17 fatigue?

18 You find out that there are a lot when you  
19 multiply it by 535, and with 2% of 535 there is a  
20 hell of a lot of people, and that is the kind of  
21 things that would be useful. So, we could talk  
22 about that in terms of ways of putting it together  
23 on how to do it.

24 DR. BROOME: I haven't seen the  
25 (inaudible). I don't know if others have had copies

1 of it, or not. I don't know if anybody -- if the  
2 Board could get us copies of that?

3 MALE VOICE: (Inaudible.)

4 MALE VOICE: Well, there is a thing causing  
5 Defense --

6 MALE VOICE: (Inaudible.)

7 DR. KULLER: Defense does a thing called  
8 Defense Environmental something, and that is what we  
9 used in the past, and a surprising -- well, it  
10 depends on where it was.

11 I think in Saudi Arabia there is no  
12 question. In Vietnam it was a total -- it was a  
13 disaster, for legitimate reasons. I mean, it wasn't  
14 -- it just -- for logical reasons. I didn't know  
15 what, you know, very often, exactly where they were.

16

17 You are thinking about if they are really  
18 worried about link -- where the ranch hands thought  
19 they were and where the unit thought they were in  
20 terms of exposure to Agent Orange, it just didn't  
21 work, but here it is very different.

22 But, anyway, I think what the main message  
23 is, is that I think there is a lot of good  
24 scientific help out there that needs to be utilized  
25 both before there is a catastrophe and certainly to



1 try and diffuse things along by using good science.

2

3 I think the Ledbetter (sic) Commission and  
4 things like that have turned out to be very useful  
5 and helpful and that is probably very, very  
6 important, but I think the point that was just  
7 raised -- and I think somehow -- and that may be the  
8 discussion about the information science here.

9 There also has to be some way for the good  
10 things to come out. I think it was really very  
11 unfortunate that the good things that happened in  
12 regards to the success -- and the same thing in  
13 Somalia.

14 I think the report on Somalia -- I think  
15 the report that went on in Guantanamo, which I think  
16 is fantastic, the success in Guantanamo preventing  
17 disease at all those -- in all our patients who went  
18 into Guantanamo, and also the situation in Somalia.

19

20 That has to be written up somehow and  
21 somebody -- there has to be some type of a way of  
22 getting that information out so you diffuse the fact  
23 that you don't have a syndrome, the next thing,  
24 saying that every soldier who went to Somalia got  
25 malaria, or that the drugs used to treat malaria are

1 giving them all liver disease, or some strange  
2 disease now, or something.

3 We should have a post Somalia syndrome and  
4 start all over again, if you go to Haiti there will  
5 be a post Haiti syndrome, and we will just have to  
6 get the information out.

7 MALE VOICE: After three days.

8 DR. KULLER: Three days?

9 (Laughter.)

10 Okay. Any other --

11 DR. ASCHER: I have two items.

12 DR. KULLER: Yes.

13 DR. ASCHER: Your comment maybe wasn't  
14 clear about meeting the night before the meeting.  
15 In the past when the meetings were at really the  
16 sort of places like Parson's Island, it was a  
17 defector situation that all the committees would  
18 sort of congregate and talk, and I will propose at  
19 least in the case of my committee that you look for  
20 a meeting of the meeting -- a meeting of the group  
21 the night before.

22 If you could, come in the night before. If  
23 you can't make it, that is fine, including August  
24 2nd.

25 COLONEL PETERSON: Well, the only problem

1 with August 2nd is the offer -- we are not paying  
2 for this. The AFEB -- and the funds that were  
3 offered to me were to fly people in one day.

4 MALE VOICE: In your case, you can't do  
5 that.

6 MALE VOICE: Whoa.

7 DR. ASCHER: Red Eye.

8 MALE VOICE: My favorite.

9 (Laughter.)

10 MALE VOICE: I would call --

11 DR. ASCHER: Anyway, if possible, if  
12 anybody is around, we will talk. The other thing is  
13 -- I am trying to think what the Committee chair  
14 could do.

15 One of the things I was thinking about is  
16 what we might want to suggest for the agenda of sort  
17 of general interest, and I had two items that I have  
18 sort of come up with. I will propose them and then  
19 see if they come to pass.

20 One is that the Rickettsia Group meets  
21 about every year and a half and it is coming up, and  
22 the President is Abdu Azad who is over at Maryland,  
23 and he I think if asked would be delighted to come  
24 over and tell us about the last couple of years of  
25 rickettsia. There is a lot happening. We

1 have got a cause of cat scratch. We have got all  
2 sorts of stuff, and I think if that is reasonable we  
3 would want to give an update on rickettsia. It is  
4 easy to do, and we are overdue.

5 DR. HANSEN: At the October meeting?

6 DR. ASCHER: Yes, here. I am talking about  
7 here at the October meeting.

8 COLONEL PETERSON: Yeah, if you send me his  
9 name and phone number, I will do it.

10 DR. ASCHER: Yeah. I will ask him first.  
11 There is a conflict if that meeting is at the same  
12 time as ICAAC, but I don't know that that causes  
13 that big a problem.

14 COLONEL PETERSON: I mentioned what  
15 happened was it was set up these dates, just like  
16 the dates for '95. What we did for '94 was the same  
17 process. We asked everybody six months ahead of  
18 time what dates can you come.

19 What I have to do is sit down and say,  
20 well, three people can come on this date and ten can  
21 come on this date and, obviously, the one where ten  
22 can come. So, that is the logic that was used, and  
23 I can't go back and reconstruct it, but that is what  
24 happened. The most people could come on October 6  
25 and 7.

1 DR. ASCHER: The other item is, I am  
2 wondering if we could get Claire to have somebody  
3 from the Emerging Pathogens Initiative, CDC, come up  
4 and talk to us.

5 I understand there is going to be a request  
6 for proposal out on the street very soon for ten  
7 Centers for Emerging Pathogens with major  
8 infrastructure improvements in states and other  
9 places, including our own. We are very interested,  
10 of course.

11 But, unless this is done with some  
12 knowledge of DOD, then we are going to end up with a  
13 disconnect, and the resources are not going to be  
14 perfectly merged, and what is the best way you could  
15 look at this.

16 The boldest way to say it is that the  
17 National Emerging Pathogens Initiative should have  
18 some money given to DOD so that their expertise can  
19 be continued and not have to be dependent on the  
20 basis of a weaponized biological warfare defense.

21 This is something that I really feel  
22 strongly about, that there is need for infectious  
23 disease research in DOD that is not aimed at some  
24 bomb full of some toxin. I think CDC would agree if  
25 we work with them properly.

1 DR. BROOME: I think it is an excellent  
2 idea and, in fact, we have already in discussions  
3 with Colonel Bancroft indicated the hope that DOD  
4 both domestically and, at least as importantly,  
5 internationally would be active participants in  
6 surveillance systems for emerging and re-emerging  
7 infections.

8 I wouldn't want to leave the impression  
9 that CDC has huge amounts of extra funding, because  
10 that is not true. On the other hand, this is  
11 currently a topic that is a very viable  
12 justification for funding that might be helpful for  
13 DOD to compete for funds as part of the activity.

14 DR. KULLER: We are not pushing you if the  
15 initiative is not ready, and they are not ready.  
16 But, as soon as the -- you have got someone to  
17 identify it, let's hear about it.

18 DR. BROOME: Well, I think it would be  
19 reasonable to go ahead. There has been a lot of  
20 presentations and discussion this year of what CDC's  
21 approach to this issue looks like, and it would be  
22 very appropriate --

23 MALE VOICE: How about Jim?

24 DR. BROOME: -- to have DOD's perspective  
25 and participation in that.

1 DR. HANSEN: I might add, it isn't too  
2 early for us to be thinking about the February  
3 meeting of '95 in terms of at least kind of a theme.  
4 We always had sort of a theme plus other things.

5 MALE VOICE: Right.

6 DR. HANSEN: You were mentioning CDC. They  
7 have an excellent, very involved prevention wing  
8 which I am familiar with, and I know prevention  
9 injury-wise, as well as disease-wise. It is  
10 probably about right for next February, so I am just  
11 picking up on your --

12 MALE VOICE: Same idea.

13 DR. HANSEN: -- mention of CDC that maybe  
14 they might be one of the speakers involved in the  
15 February '95 meetings.

16 DR. BROOME: Well, first, Jones I think has  
17 got an injury working group.

18 DR. HANSEN: That's right.

19 DR. BROOME: And it is very actively  
20 thinking about that, and they are offering him just  
21 for coordinate --

22 DR. HANSEN: I mean, he is expecting it  
23 around that time frame.

24 DR. BROOME: And CDC has invited several  
25 clerks from CDC to participate on that working

1 group, so we would certainly be happy to work with  
2 him on the topic.

3 DR. KULLER: Okay, one more.

4 DR. JORDAN: I just have one possible  
5 suggestion, and that is that for the Comprehensive  
6 Clinical Evaluation Program we have gotten -- the  
7 Services have gotten no additional funds for that.

8 I think that the AFEB is going to be doing  
9 -- called on to do more and more, and I think if  
10 funds is a problem with AFEB that this would be the  
11 ideal time to request more funding for travel and  
12 for meetings.

13 I mean, it really looks like an activist  
14 organization at this time, and I think that is  
15 great.

16 MALE VOICE: Okay, we certainly will.

17 MALE VOICE: I think Bruce is concerned  
18 about his people getting here. They will have to  
19 pay their own way.

20 MALE VOICE: Even the size increases.

21 MALE VOICE: Um-hum, that's right.

22 MALE VOICE: I don't know how that is done,  
23 but I think you --

24 COLONEL PETERSON: Well, we put in a budget  
25 just like everybody else does. It is a matter of



1 programming.

2           The problem we have, frankly, is if we  
3 form -- we have formed three formal subcommittees so  
4 far, two of which have really not taken off and done  
5 very much.

6           The third one, I think, will take off under  
7 Bruce Jones' direction and, so, it is hard to plan  
8 when you don't -- I still don't have from Bruce yet  
9 a list of the -- a true list of who is going to be  
10 on that subgroup, to have, you know, how many  
11 people, nor do I know for sure how often Bruce -- it  
12 is coming, I  
13 guess -- nor do I know how often it is going to  
14 meet.

15           But, your point is well taken. As these  
16 things begin and develop, then we will ask for more  
17 funds for these purposes. I don't anticipate that  
18 that would be a problem.

19           DR. BROOME: This is just a follow up on  
20 the previous discussion of the August working group  
21 meeting.

22           I heard you say that there would be  
23 documents prepared, but we couldn't send them out.  
24 Now, I had years of interactions with the ACIP, and  
25 it sounds like what you are supposing for us to do

1 is sort of something that would (inaudible).

2 COLONEL PETERSON: These are classified  
3 documents.

4 DR. BROOME: But, I guess -- I mean, I  
5 understand that presents all sorts of unique  
6 problems, but I think you are putting the Committee  
7 at a real disadvantage for them not to have the time  
8 to look at this in advance and think about it,  
9 because we do these things all the time at ACIP, and  
10 it is really tough.

11 COLONEL PETERSON: I am passing on to you  
12 what was passed on to me by the people who I think  
13 know more about it than I do. I know absolutely  
14 nothing about sending classified material through  
15 the mail and how you do that.

16 I will pursue it, though, and ask if it can  
17 be done. I will make it happen. If I am told there  
18 is so many blocks to jump over --

19 DR. KULLER: I am not sure how much more --  
20 maybe I am wrong. I am not sure how much more you  
21 are going to get than what you have heard today.

22 DR. ASCHER: Exactly. I think what we need  
23 is --

24 DR. KULLER: I don't think there is  
25 anything more there.

1           DR. ASCHER: I will buy what they want. It  
2 can be agent-x, or disease-x. It can say, "This is  
3 a disease where its presence in a country is known  
4 by intelligence of a secret nature and therefore it  
5 is weaponized in that country, what do we  
6 recommend?"

7           You don't have to name the disease, you  
8 don't have to name the country. You can make  
9 scenarios and build algorithms.

10           COLONEL PETERSON: I think we have to --

11           DR. ASCHER: I think we ought to start  
12 that.

13           COLONEL PETERSON: I think we have to put  
14 some faith in the people who are setting this up.  
15 It was their -- it was their suggestion. Major  
16 Klenke  
17 and --

18           MALE VOICE: Colonel Takafuji, here.  
19 Correct me if I am wrong, but the intent wasn't to  
20 do this in one day, so I am depending on those  
21 people to put something together.

22           We discussed initially how this could be  
23 done without having things go out ahead of time in a  
24 classified nature so that we could start at 9:00 in  
25 the morning and be finished at 4:00 in the

1     afternoon.

2                 Now, that may be a dream to some degree,  
3     but I have to put my faith in the people who know  
4     what they are talking about in terms of putting this  
5     package together, and if that changes for some  
6     reason, I am sure I will hear about it, but --

7                 DR. ASCHER:   Let me make a comment on that.

8     All the information that you have that was handed  
9     out to you today is basically it.  The only thing  
10    that you don't have is that threat list.  That is  
11    basically what it comes down to.  Remember that  
12    threat list that was shown?

13                COLONEL TAKAFUJI:  But, we can reference  
14    it.  It is also a dynamic threat list.

15                MALE VOICE:  Yeah.

16                COLONEL TAKAFUJI:  We are not going to be -  
17    -

18                MALE VOICE:  You don't want to get into  
19    that where you have to be responsible for classified  
20    materials, believe me, because if you lose it, then  
21    you really are in deep kimchee, so don't do that.

22                COLONEL PETERS:  They won't even let you  
23    take notes during the session here, so --

24                DR. ASCHER:  (Inaudible.)

25                MALE VOICE:  (Inaudible.)

1 DR. ASCHER: "Does this country possess a  
2 BW threat? A, yes/no." Then you go to the threat  
3 list. We don't ever have to see that.

4 COLONEL TAKAFUJI: What you saw today was  
5 in essence what (inaudible).

6 DR. KULLER: Mike, why don't -- I will pass  
7 this over to you and then you can perhaps get it to  
8 your Committee, if you want to.

9 COLONEL TAKAFUJI: Yes.

10 DR. KULLER: Or, do you want me to copy it  
11 to the Committee? Whatever you think.

12 MALE VOICE: (Inaudible.)

13 DR. KULLER: Okay, well, I will copy this  
14 for the Committee that would be involved, because  
15 this pretty much tells the ground rules of what they  
16 are interested in, and I think it is not --

17 It is not that specific to a specific  
18 vaccine at a specific place or a specific time, but  
19 it is more a question about how you define  
20 particular programmatic areas and what they go for.

21

22 So, I mean, each -- obviously, each  
23 individual situation is going to require an  
24 individual response, but I think the main thing is,  
25 it is a general statement of agreement, or

1 disagreement with the policy plan which has been  
2 formulated, and the priorities.

3 DR. BROOME: The other question is, I heard  
4 you say -- well, you know, suggest that meeting  
5 might also raise the issue of vaccine production  
6 facilities. Is that the case, or not?

7 DR. KULLER: No.

8 DR. BROOME: No, nothing to do with that?  
9 Okay.

10 MALE VOICE: (Inaudible.)

11 DR. KULLER: That is going to be built, but  
12 it is going to be built in West Virginia.

13 (Laughter.)

14 (Whereupon, at 5:14 p.m., the above  
15 proceedings were concluded.)

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